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Vocabulary Builder Reference from...

Ayah Bdeir: Building blocks that blink, beep and teach
| TED Talk

https://www.ted.com/talks/ayah_bdeir_building_blocks_that_blink_beep_and_teach

Advanced Words Only

IMPORTANT

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Session 1: Word List

transistor

n. a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics

synonym : semiconductor, microchip, circuit

(1) **transistor** radio, (2) **transistor** circuit

The invention of the **transistor** revolutionized the field of electronics.

knob

n. a round handle, especially one used for opening or closing a door, drawer, or cabinet

synonym : handle, lever

(1) handy **knob**, (2) **knob** closure

The **knob** on the drawer was loose and needed to be tightened.

buzzer

n. a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something

synonym : alarm, signal, beeper

(1) door **buzzer**, (2) alarm **buzzer**

She jumped when the harsh **buzzer** noise indicated her laundry was done.

solder

n. a metal alloy, usually in a wire or paste form, used to join or fuse together metal surfaces, typically at lower temperatures than required for welding

synonym: soldering, brazing, welding

(1) **solder** joint, (2) lead-free **solder**

The technician recommended a specific **solder** alloy for the job, considering the materials being joined.

clang

v. to make a loud, resonant, metallic sound, often by striking two hard surfaces together; (noun) a loud, resonant, metallic sound, typically produced by striking two hard surfaces together

synonym: clatter, rattle, ring

(1) gate **clang** shut, (2) **clang** of machinery

The pots and pans in the kitchen began to **clang** loudly as the train passed.

confetti

n. small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration

(1) **confetti** party, (2) **confetti-filled** balloons

We threw **confetti** at the wedding to celebrate the happy couple.

lobster

n. a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming

synonym: crustacean, crawfish, crayfish

(1) **lobster** dinner, (2) fresh **lobster**

The restaurant served a delicious **lobster**, steamed to perfection.

Session 2: Spelling

1. handy k__b *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
2. tra_____or circuit *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
3. k__b closure *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
4. co_____ti party *n.* small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration
5. tra_____or radio *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
6. so____r joint *n.* a metal alloy, usually in a wire or paste form, used to join or fuse together metal surfaces, typically at lower temperatures than required for welding
7. lo_____r dinner *n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
8. gate cl__g shut *v.* to make a loud, resonant, metallic sound, often by striking two hard surfaces together; (noun) a loud, resonant, metallic sound, typically produced by striking two hard surfaces together

ANSWERS: 1. knob, 2. transistor, 3. knob, 4. confetti, 5. transistor, 6. solder, 7. lobster, 8. clang

9. fresh lo____r *n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming
10. cl__g of machinery *v.* to make a loud, resonant, metallic sound, often by striking two hard surfaces together; (noun) a loud, resonant, metallic sound, typically produced by striking two hard surfaces together
11. door bu____r *n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
12. co____ti-filled balloons *n.* small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration
13. alarm bu____r *n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something
14. lead-free so____r *n.* a metal alloy, usually in a wire or paste form, used to join or fuse together metal surfaces, typically at lower temperatures than required for welding

ANSWERS: 9. lobster, 10. clang, 11. buzzer, 12. confetti, 13. buzzer, 14. solder

Session 3: Fill in the Blanks

1. The pots and pans in the kitchen began to _____ loudly as the train passed.
 - v.* to make a loud, resonant, metallic sound, often by striking two hard surfaces together; (noun) a loud, resonant, metallic sound, typically produced by striking two hard surfaces together

2. The restaurant served a delicious _____ steamed to perfection.
 - n.* a marine crustacean with a hard, often brightly colored shell, a pair of large pincers, and a tail used for swimming

3. The technician recommended a specific _____ alloy for the job, considering the materials being joined.
 - n.* a metal alloy, usually in a wire or paste form, used to join or fuse together metal surfaces, typically at lower temperatures than required for welding

4. The invention of the _____ revolutionized the field of electronics.
 - n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics

5. The _____ on the drawer was loose and needed to be tightened.
 - n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet

6. We threw _____ at the wedding to celebrate the happy couple.
 - n.* small pieces of colored paper or other material that are thrown around on festive occasions, especially in celebration or as part of the decoration

7. She jumped when the harsh _____ noise indicated her laundry was done.
 - n.* a device that produces a rapid, high-pitched sound or noise, often used to signal something or draw attention to something

ANSWERS: 1. clang, 2. lobster, 3. solder, 4. transistor, 5. knob, 6. confetti, 7. buzzer

ANSWERS: